

**KANSAS DRILLERS LOG**

S. 15 T. 5 R. 28 <sup>K</sup>/<sub>W</sub>

API No. 15 — 039 — 20,311-00-00  
 County Number

Loc. N2 SE SE

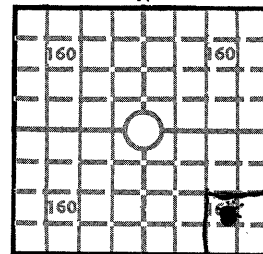
Operator  
Space Age Valuable Energy, Inc.

County Decatur

Address  
Box 434 Hoxie, Kansas 667740

640 Acres  
 N

Well No. #1 Lease Name Ben Ritter



Locate well correctly

Elev.: Gr. 2733 G1

Footage Location  
610' feet from (N) (S) line 900' feet from (E) (W) line

Principal Contractor Helberg Oil Company Geologist Lewis D. Chubb.

Spud Date August 14, 1975 Total Depth 4486 RTD P.B.T.D. 4350

Date Completed August 27, 1975 Oil Purchaser None at present

DF 5' KB 2738 KB

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string                        | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement       | Sacks | Type and percent additives    |
|--|-------------------|---------------------------|----------------|---------------|-------------------|-------|-------------------------------|
| Surface Casing                           | 9 1/2"            | 8 5/8"                    | 22 Lbs         | 274'          | Common            | 175   | 2% Cal. 3% C.C.               |
| production                               | 7 1/2"            | 4 1/2"                    | 11.5           | 4438          | Common<br>Poz mix | 100   | 4 sacks gel.<br>4 sacks salt. |
| RECEIVED<br>STATE CORPORATION COMMISSION |                   |                           |                |               |                   |       |                               |

**LINER RECORD**

FEB 10 1976  
 02-10-1976

**PERFORATION RECORD**

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| —        | —           | —            | —             | —           | —              |

**TUBING RECORD**

None

| Size      | Setting depth | Packer set at |
|-----------|---------------|---------------|
| 2 3/4" OD | 4348          | None          |

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

| Amount and kind of material used                                     | Depth interval treated                          |
|--|---|
| Halliburton Hydro Jet - Cut with 7 sacks 20-40 mesh sand on each cut | (cuts) 4217 - 4267<br>4305 - 4314 - 4247 - 4253 |
| followed by 500 gal 15% mud acid 1/2 gal IBI Inhibitor               | Same as above.                                  |

**INITIAL PRODUCTION**

|   |   |
|---|---|
| Date of first production<br><u>waiting</u>  | Producing method (flowing, pumping, gas lift, etc.)<br><u>PUMPING</u> |
| RATE OF PRODUCTION PER 24 HOURS<br>Oil <u>9000 showing bbls.</u> Gas <u>—</u> Water <u>Some 25</u> Gas-oil ratio <u>—</u> | MCF <u>—</u> bbls. <u>—</u> CFPB <u>—</u>                             |
| Disposition of gas (vented, used on lease or sold)  | Producing interval(s)   |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

Space Age Valuable Energy, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Reentry for Oil + Gas.

Well No.

I

Lease Name

Ritter

S 15 T 55 R 28 W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.

TOP

BOTTOM

NAME

DEPTH

Information attached  
Hereto

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*Maurice Pieser*

Signature

*Secretary*

Title

2-6-76

Date

15-039-2034-00-01

| FORMATION | DEPTH     | DESCRIPTION   |
|-----------|-----------|---|
|           | 4357-4372 | Sandstone, clear glassy, medium grained rounded - friable good porosity. No show log: 12-18% porosity 100% water.                       |
| VIOLA     | 4438-4458 | Chert, white, bong, to granular and viterous. No visible porosity. No show log: 9-15% porosity 87-100% water.                           |
|           | 4458-4479 | Limestone tan, white; oolitic with fine crystalline and matrix, poorly developed oolitic porosity. Log: DNS not able to calculate.      |
|           | 4479-4486 | Dolomite tan, brown, fine to medium crystalline mostly dense, lost circulation probably excellant porosity. Log: 9% porosity 99% water. |

ZONES OF POROSITY

15-039 - 20311-00-01

| FORMATION | DEPTH     | DESCRIPTION  |
|-----------|-----------|--|
| TOPEKA    | 3652-3655 | Limestone tan, fine crystalline with calcite fossils; crystalline and fossiliferous porosity. No show log 13% porosity 99% water.  |
|           | 3680-3690 | Limestone tan, fine to medium crystalline, oolitic, good oolitic crystalline porosity. No show - Log:13-20% porosity 100% water.   |
|           | 3710-3722 | Limestone tan, gray, fine to medium crystalline, sucrosic, fossiliferous, partly chalky; crystalline porosity. No show - Log:9-15% porosity 100% water.                            |
|           | 3750-3757 | Limestone tan, buff, fine crystalline, dolomitic fur fossils, crystalline porosity. No show - Log: 7-9% porosity 79-100% water.  |
|           | 3814-3822 | Limestone gray, fine to medium crystalline fossiliferous, fair crystalline porosity. No show log: 8-10% porosity 100% water.   |
|           | 3856-3872 | Limestone gray, fine to medium crystalline with large tan oolites, good crystalline porosity, partly chalky. No show log: 7-13% porosity 96-100% water.                            |
| LANSING   | 3927-3938 | Limestone tan, buff, gray crystalline matrix, oolitic and oolitic crystalline, oolitic and vugular porosity, Gilsonite. Free Oil. No odor. Test log: 9-12% porosity 58-100% water. |
|           |           | DRILL STEM TEST #1 3925-3964<br>Strong Blow<br>Recovered: 1160' Salt Water<br>IFP: 65-258 (30)<br>ISIP: 1226 (30)<br>FFP: 297-400 (30)<br>FSIP: 1239 (30)                          |
|           | 4010-4016 | Limestone tan, fine crystalline, granular, sandy, partly chalky; crystalline porosity. No show log: 13% porosity 83-100% water.  |
|           | 4122-4128 | Limestone tan, gray, crystalline granular sandy. Poorly developed crystalline porosity. No show log: 7-10% porosity 100% water.  |
| CHEROKEE  | 4326-4336 | Sandstone, fine to medium crystalline grained; rounded to subangular clear, glassy, quartzitic poor porosity. No show log: No porosity.  |

RECEIVED  
STATE CORPORATION COMMISSION

FEB 10 1976

CONSERVATION DIVISION  
Wichita, Kansas